"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', N.N., inzh.

Prospects for the development of an electric equipment industry in the Urals. Vest. elektroprom. 34 no.2:1-2 F '63. (MIRA 16:2)
(Ural Mountain region—Electric equipment industry)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTNI', S...; ZLOTNIK, D.Ye.; BURAK, A.Ye.; GLASOVA, V.F.

Stabilizing saline clay muds with gipan in wells with high bottom temperature. Burenie no.1:25-28 '64. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut burovoy tekhniki i trest "L'vovneftegazrazvedka".

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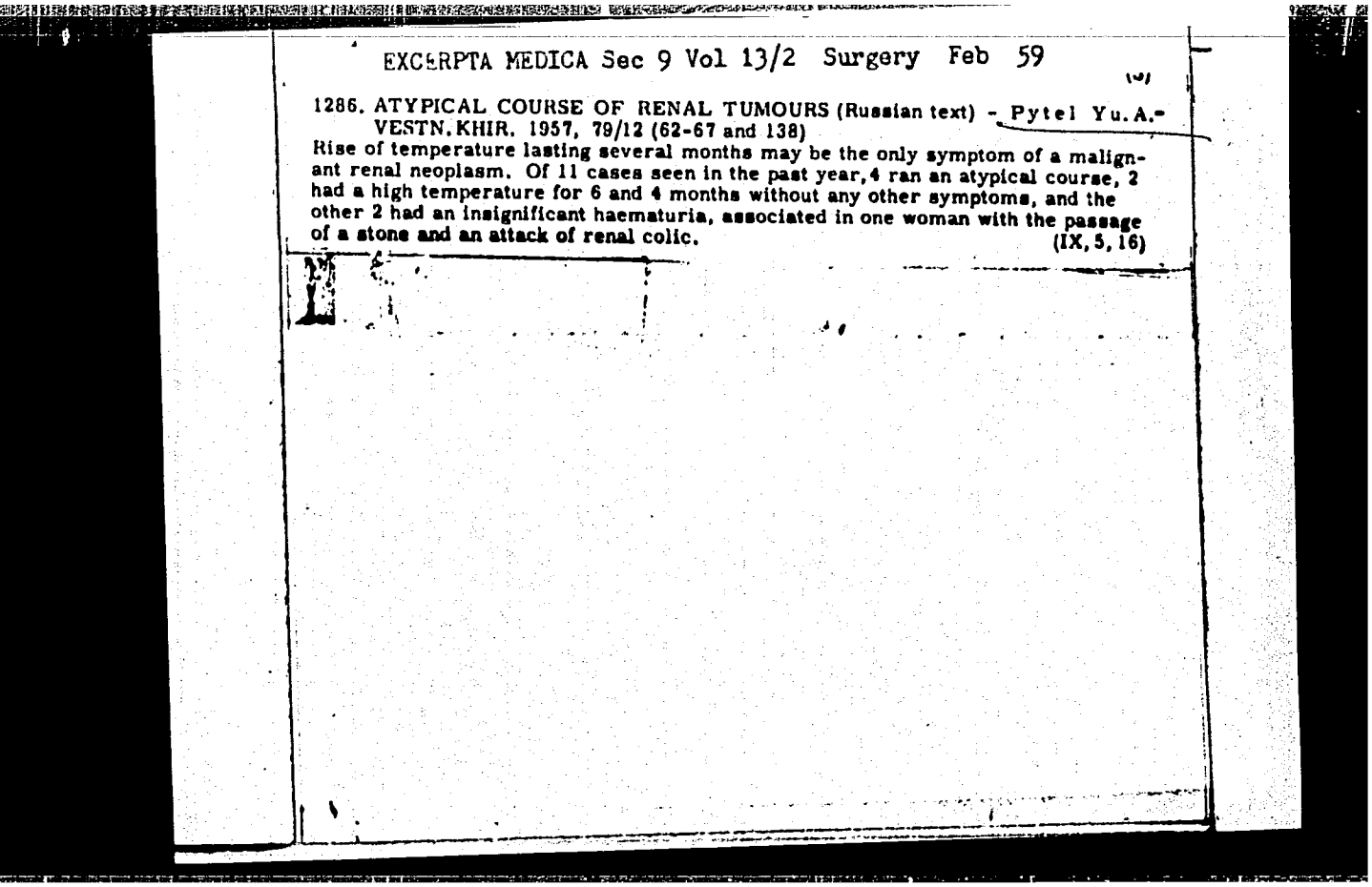

EXCERPTA MEDICA Sec 9 Vol 13/2 Surgery Feb 59

1286. ATYPICAL COURSE OF RENAL TUMOURS (Russian text) - Pytel Yu.A.- VESTN.KHIR. 1957, 79/12 (62-67 and 138)

Rise of temperature lasting several months may be the only symptom of a malignant renal neoplasm. Of 11 cases seen in the past year, 4 ran an atypical course, 2 had a high temperature for 6 and 4 months without any other symptoms, and the other 2 had an insignificant haematuria, associated in one woman with the passage of a stone and an attack of renal colic. (IX, 5, 16)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A.

PYTEL', Yu.A.

Intramural innervation of human ureters. Urologiia no.3:50-61 Jl-S '55. (MLRA 8:10)

1. Iz urologicheskoy kliniki (zav.prof. A.P.Frumkin) Tsentral'nogo instituta usovershenstvovaniya vrachey i iz kafedry gistologii (zav.prof. L.Ya. Likhachev) Stalingradskogo meditsinskogo instituta.
(URETERS, innervation)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A.

Nephrostomy in tuberculosis of a solitary functioning kidney.
Urologiia 21 no.2:67-69 Ap-Je '56. (MLRA 9:12)

1. Iz urologicheskoy kliniki (zav. - Prof. A.P.Frumkin) TSentral'nogo instituta usovershenstvovaniya vrachey na baze Moskovskoy bol'nitsy imeni S.P.Botkina (glavnyy vrach - prof. A.N.Shabanov)
(TUBERCULOSIS, RENAL, surgery,
nephrostomy of solitary functioning kidney (Rus))

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

FYTEL', Yu.A.

Intramural innervation of the renal pelvis and the renal calyces. Urologiia 21 no.3:39-47 Jl-S '56. (MLRA 9:12)

1. Iz urologicheskoy kliniki (zav. - prof. A.P.Frumkin) TSentral'nogo instituta usovershenstvovaniya vrachey na baze klinicheskoy ordena Lenina bol'nitsy imeni S.P.Botkina (glavnyy vrach - prof. A.N.Shabanov) i kafedry gistologii (zav. - prof. L.Ya.Likhachev) Stalingradskogo meditsinskogo instituta.

(KIDNEYS, innerv.
of renal pelvis & calyces)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A. (Moskva)

Puncture biopsy of the kidney. Urologiia, 22 no.1:72-77 Ja-F '57
(MLRA 10:5)

(BIOPSY
puncture biopsy of kidney, method, review)
(KIDNEY
puncture biopsy method, review)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A. (Moskva-240, Kotel'nicheskaya naberezhnaya 1/15, kv.49)

Reconstruction of the lower third of the ureter from a bladder flap according to Boari. Vest.khir. 83 no.11:80-85 N '59. (MIRA 13:4)

1. Iz urologicheskogo otdeleniya (zav. - dotsent Ye.M. Semenyako) Moskovskoy gorodskoy klinicheskoy bol'nitsy No.60 (glavnyy vrach - M.I. Kamnev).

(URETER surgery)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A., Cand Med Sci -- (diss) "Intramural nerve apparatus of the upper urinal tract of man," Moscow, 1960, 13 pp

(Second Moscow State Medical Institute N. I. Pirogov) (KL, 34-60, 125)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A.

Retrograde esophagography. Eksper.khir. 2 no.2:41-43 Mr-Ap '57. (MIRA 12:8)

1. Iz 3-y khirurgicheskoy kliniki (zav. -prof.B.S.Rozanov) Tsentral'nogo instituta usovershenstvovaniya vrachey i Moskovskoy ordena Lenina bol'nitsy imeni S.P.Botkina (glavnyy vrach-prof.A.N.Shabanov).

(ESOPHAGUS, radiography
retrograde esophagography, technic (Rus))

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A. (Moskva, Kotel'nicheskaya nab., korpus "B," kv. 49)

Atypical course of renal tumors [with summary in English, p.138].
Vest.khir. 79 no.12:62-67 D '57. (MIRA 11:1)

1. Iz urologicheskogo otdeleniya (zav. - dotsent Ye.M.Semenyako) bol'nitsy Ministerstva neftyanoy promyshlennosti SSSR, Moskva.
(KIDNEYS, neoplasms
diag., atypical sympt.)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A., kand. med. nauk; MAZO, Ye.B., kand. med. nauk

Some characteristics of intubation anesthesia in urological patients. Vest. khir. 94 no.1:99-105 Ja '65. (MIRA 18:7)

1. Iz urologicheskoy kliniki (zav. - prof. A.Ya.Pytel') 2-go Moskovskogo meditsinskogo instituta imeni Pirogova.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A., kand.med.nauk

Total hematuria as one of the basic symptoms of pyelonephritis and necrotic papillitis. Urologiia no.6:12-17 '64.
(MIRA 18:11)

1. Urologicheskaya klinika (zav. - prof. A.Ya.Pytel') II Moskovskogo meditsinskogo instituta imeni Pirogova.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A., kand. med. nauk (Moskva)

International symposium on anesthesiology. Urologiia. 29 no.3:68-71 My-Je '64. (MIRA 18:10)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PORTNOY, A.S., kand. med. nauk; PYTEL', Yu.A., kand. med. nauk

Cineroentgenography in urology. Urologiia 29 no.1:62-71 '64.
(MIRA 17:8)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL', Yu.A.

Some features of intramural vascular architectonics of the upper urinary tract in man and their clinical significance. Urologiia no.6:9-10 '60. (MIRA 15:5)

1. Iz kafedry gistologii (zav. - prof. T.A. Grigor'yeva) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova i Moskovskoy klinicheskoy bol'nitsy No.60 (glavnyy vrach M.I. Kamnev).
(URINARY ORGANS--BLOOD SUPPLY)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL, I.; DYMOWSKA; KOZLOWSKA, D.

Fetal abnormalities and abortions and their relation to toxoplasmosis. Wiadomosci parazyt., Warsz 4 no.5-6:419-420; Engl. transl. 420-421 1958

1. Z II Kliniki Poloznicze-Ginekol, Ak. Med. w Lodzi i Zakladu Parazytologii PZH w Warszawie.

(ABORTION, etiol. & pathogen.
toxeplasmosis (Pol))
(ABNORMALITIES, etiol. & pathogen.
maternal toxoplasmosis in pregn. (Pol))
(TOXOPLASMOSIS, in pregn.
causing abortion & abnorm. (Pol))
(PREGNANCY, compl.
toxoplasmosis, causing abnorm. & abortion (Pol))

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL, J. : SZUBERT, K.

The Use of the "Tertal 30/10" Oil Core Binder in Cast-Steel Foundries, p. 253.

PRZEGLAD ODLEWNICTWA (Stowarzyszenie Techniczne Odlewnikow Polskich)
Krakow, Poland
Vol. 9, no. 8, August 1959.

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11, November 1959.
Uncl.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL, J.

Generator ground-leakage protection by means of a Ferranti curren transformer. p 93.

PRZEGLAD ELEKTROTECHNICZNY. (Stowarzyszenie Elektrykow Polskich)
Warszawa, Poland. Vol 35, no. 3, Mar. 1959

Monthly list of East European Accession (EEAL) LC, Vol. 8, No. 7, July 1959

Uncl.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL, J.; NOVAK, M.

A perfect harvesting technology results in a good quality of hay. p. 269.
(Mechanisace Zemedelstvi, Vol. 7, no. 12, 1957. Praha, Czechoslovakia)

SO: Monthly List of Fast European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL, Laura; DYMOWSKA, Zofia; KOZLOWSKA, Danuta

Attempted evaluation of the role of toxoplasmosis in the etiology of developmental defects in the fetus. Wiadomosci parazyt., Warsz. 6 no.5:415-423 '60.

1. II Klinika Poloznictwa i Chorob Kobiecych A.M., Lodz i Zaklad Parazytologii Lekarskiej PZH, Warszawa

(ABNORMALITIES etiol)
(TOXOPLASMOSIS in pregn)
(PREGNANCY compl)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL, Laura (Lodz, ul. Polnocna 31 m. 50.)

Effect of labor & pregnancy on the mental development of child. Polski tygod. lek. 13 no.27:1026-1031 7 July 58.

1. (Z II Kliniki Poloznicze-Ginekologicznej w Lodzi; kierownik: prof dr med. Stanislaw Krzysztoporski).
(PREGNANCY, physiol.
eff. on ment. develop. of child (Pol))
(LABOR, physiol.
same)
(CHILD PSYCHOLOGY
eff. of labor & pregn. on ment. develop. of child (Pol))

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTEL, Laura (Lodz, ul. Polnocna 31.)

Toxoplasmosis; review. Gin. polska 29 no.2:169-177 Mar-Apr 58.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych A. M. w Lodzi Kierownik: prof. dr med. S. Krzysztoporski.

(TOXOPLASMOSIS, in pregn.
maternal & fetal compl. (Pol))
(PREGNANCY, compl.
toxoplasmosis, maternal & fetal compl. (Pol))

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

HAYDON, Boleslaw; HOLAK, Michal; [illegible], Marian

Problem of chronic tetanus based on a case under observation. Pediat. polska 32 no.6:700-704 June 57

1. Z Ambulatorium Pediatrycznego i Oddzialu Chirurgii Urazowej 4 Wojskowego Szpitala Okregowego we Wroclawiu Komendant Szpitala: dr med. A Leszczynski Ordynator Oddzialu Noworodkow: lek B Haydon Ordynator Oddz. Chirurgii Urazowej: lek m. Holak. Adres: Wroclaw 5, ul Chorozwska 59/3.

(TETANUS, in inf. & child
case report (Pol))

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

1121. RETROGRADE OESOPHAGOGRAPHY (Russian text) - Pytel U. A. - EKSPER. KHIR. 1957, 2 (41-43) Illus. 2

The author describes a new method of contrast-dye study of patients suffering from burn strictures of the oesophagus who had gastrostomy performed to enable them to take food. The contrast dye is introduced into the lower part of the oesophagus (below the stricture) with the help of a catheter passed by means of a cystoscope from the stomach upwards.

(IX, 14)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

S/110/60/000/011/001/012
E194/E484

AUTHORS: Pytel', N.N., Engineer, Drugaleva, Z.S., Engineer and Vlasova, A.A., Engineer

TITLE: The Development of Specialization in the Electro-Technical Industry of the Sverdlovsk Economic Region

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No.11, pp.1-4

TEXT: The electro-technical industry of the Sverdlovsk economic region covers a wide range of products. It is accordingly possible to make effective use of specialization in manufacture both in particular factories and in particular branches of the industry. Specialization within a branch of the industry is accomplished as follows: (1) the various items produced are redistributed between factories so that each concentrates on a smaller range of products which it produces with increased output; (2) the manufacture of products which are auxiliary to the production of the main electrical engineering and instrument works is withdrawn from the existing works and concentrated in new and reconstructed works; (3) the production of products which are not specific to electrical engineering or instrument manufacture is concentrated in

Card 1/4

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

The Development of Specialization in the Electro-Technical Industry of the Sverdlovsk Economic Region

specialized works of a general engineering character. By this means space is freed in the main works and the organization can be simplified, moreover, manufacture in the new works is more economic. A few examples of this kind of reorganization are quoted. The Baranchinskiy Electro-Mechanical Works formerly produced 400 different types of various kinds of machines with outputs ranging from 2.8 to 400 kW. The works had four shops concentrated on different kinds of production each with relatively small output. For many years the works did not fulfil its plan in respect of range of equipment produced, labour productivity or cost. In 1957, the works was relieved of production of certain sizes of electric motor and simultaneously the organization of labour and specialization within the works was improved. This reorganization has resulted in considerably increased output. At the same time the Kamensk-Uralskiy Electro-Mechanical Works was specialized and its output was increased. It was decided to specialize the Uralelektroapparat Works on large electrical machines and equipment manufacture. The works was relieved of the production of certain kinds of small

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The Development of Specialization in the Electro-Technical Industry of the Sverdlovsk Economic Region

series products, production of which was organized in a special works for high voltage equipment at Nizhnyaya Tura. Flow and conveyor methods of production were introduced at the new works where output greatly increased. The space freed at the Uralelektroapparat Works was used to extend the insulation shop which had held up the development of manufacture of various kinds of heavy electrical engineering equipment. A typical example of specialization between branches of industry is the organization of the production of Radio-sondes which are manufactured by the Gidrometpribor Works. The demand for these sones has greatly increased and the best solution was found to be to specialize the manufacture of separate assemblies or units in different factories, which greatly increased the output. The Bobrova Works has begun to specialize on the production of solid insulation. In 1958, the Uralkabel' Works was freed of the manufacture of various kinds of products not directly appertaining to cables. It is intended further to specialize the Uralelektroapparat Works which will be relieved of the manufacture of current transformers and circuit

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S/110/60/000/011/001/012
E194/E484

The Development of Specialization in the Electro-Technical Industry of the Sverdlovsk Economic Region

breakers. Later on it will be freed of the manufacture of solid insulation and lightning dischargers. All these will be transferred to other factories. The manufacture of a number of other products which bear no relation to its main function will also be removed from the works. Experience of the Council of National Economy of the Sverdlovsk Region in specializing manufacture in the ways described has been very satisfactory. Specialization must, of course, be closely associated with improved design and methods of manufacture. The installation of flow line, mechanized and automatic methods of manufacture is being delayed by the shortage of qualified engineers.

SUBMITTED: July 29, 1960

Card 4/4

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTIK, P.

Pytik, P. Technological requirements for rotary kilns. p.244.

SO: Monthly List of the East European Accessions. (EEAL). LC. Vol. 4, no. 10, Oct. 1955. Uncl.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTIN, N.P.

ISAKOV, G.A.; PYTIN, N.P.; CHERNYAK, L.M.

Processing shales in a semicoking shaft furnace with horizontal flow of heat-carrying agent. Gaz.prom.no.12:10-13 D '56. (MLRA 10:1)

(Oil shales) (Gas poducers)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

AL'TSHULER, Z.Ye., inzh.; BASTUNSKIY, M.A., inzh.; BERSTEL', V.N., inzh.; BIRENBERG, I.E., inzh.; BOGOPOLSKIY, B.Kh., inzh.; BUKHARIN, S.I., inzh.; GERSHTEYN, B.G., inzh.; GRINSHPUN, L.V., inzh.; DERYYER, G.I., inzh.; DINERSHTEYN, A.G., inzh.; ZLATOPOL'SKIY, D.S., inzh.; KLANYUK, A.V., inzh.; KOZIN, Yu.V., inzh.; LEVITIN, I.P., inzh.; MEL'NIKOV, L.F., inzh.; MEL'KUMOV, L.G., inzh.; NADEL', M.E., inzh.; PAVLOV, N.A., inzh.; PASLEN, D.A., inzh.; PESIN, B.Ya., inzh.; PYATKOVSKIY, P.I., inzh.; RAZNOSCHIKOV, D.V., inzh.; ROZENOYER, G.Ya., inzh.; ROZENBERG, R.L., inzh.; ROYTENBERG, N.L., inzh.; RYABINSKIY, Ya.I., inzh.; SYPCHENKO, I.I., inzh.; TABACHNIKOV, L.D., inzh.; FEL'DMAN, E.S., inzh.; SHTRAKHMAN, G.Ya., inzh.; SHTERNGAS, E.S., inzh.; LEVITIN, I.P., otvetstvennyy red.; STEL'MAKH, A.M., red.izd-va; BEKKER, O.G., tekhn.red.

[Overall mechanization and automatization of production processes in the coal industry.] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstvennykh protsessov v ugol'noi promyshlennosti. Pod red. IU.V.Kozina i dr. Moskva, Ugletekhizdat, 1957. 82 p. (MIRA 11:3)

1. Gosudarstvennyy proyektno-konstruktorskiy institut. 2. Institut Giprougleavtomatizatsiya i Tekhnicheskogo Upravleniya Ministerstva ugol'noy promyshlennosti (for all except: Levitin, Stel'makh, Bekker)

(Automatic control) (Coal mining machinery)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTKO, Franciszek, mgr inz.

Some problems connected with the carrying out of the irrigation program in the Krakow Voivodeship for the years 1961-1965. Gosp wodna 20 no.5:197-198 My '60. (EEAI 9:9)
(Poland--Irrigation)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

SOLSKI, Pawel, doc. dr. inz.; BUCH, Alfred, doc. inz.; GORSKI, Eugeniusz, dr. inz.; KOCANDA, Stanislaw, dr. inz.; WOJCIK, Franciszek, doc., dr. inz.; PYTKO, Stanislaw, mgr. inz.; ROZNOWSKI, Tadeusz, mgr. inz.; KACZMAREK, Jan, doc. dr. inz.; KELLER, Wlodzimierz, mgr. inz.; CEGIELSKI, B., mgr. inz.; ZIEMBA, Stefan, prof. zwycz. dr. inz.; JANECKI, Janusz, pplk. dr. inz.

The 1st Problematic Conference on: "The role and research methods of the subtersurface layer." Summary of major voices in the discussion. Przegl mech 21 no.13:411-413 10 Jl '62.

1. Politechnika, Warszawa (for Solski, Keller). 2. Instytut Mechniki Precyzyjnej, Warszawa (for Buch). 3. Wojskowa Akademia Techniczna, Warszawa (for Kocanda, Ziemba and Janecki). 4. Politechnika, Szczecin (for Gorski). 5. Politechnika, Gdansk (for (Wojcik). 6. Akademia Gorniczo-Hutnicza, Krakow (for Pytko). 7. Instytut Podstawowych Problemow Techniki, Polska Akademia Nauk, Warszawa (for Roznowski). 8. Instytut Ohrobki Skrawniem, Krakow (for Kaczmarek). 9. Politechnika Poznan (for Cegielski).

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTKO, Stanislaw, mgr. inz.

Influence of rolling friction on the properties of the subtersurface layer. Przegl mech 21 no.13:404-406 10 Jl '62.

1. Akademia Gorniczo-Hutnicza, Krakow.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTKO, Stanislaw

Influence of the forced vibrations of tested samples on the precision of the measurements in bending-rotational fatigue testing. Przegl naukowo-tech AGH no.4:47-57 '61.

1. Katedra Czesci Maszyn, Akademia Gorniczo-Hutnicza, Krakow.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTKO, Stanislaw, mgr inż.

Fatigue spalling of metallurgic work rolls. Hutnik P 29 no.5:180-183 My '62.

1. Akademia Gorniczo-Hutnicza, Krakow.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTKO, Stanislaw, mgr. inz.; MULLER, Ludwik, doc. dr.

Some remarks concerning the strain of materials in the contact of two cooperating teeth of toothed wheels and rollers.
Problemy proj hut maszyn 10 no.5:153-155 My '62.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTKOWSKI, Wlodzimierz, inz.; WISNIEWSKI, Wojciech, inz.

Production of curved pieces by means of winding. Pomiary 8 no.11:526-527 N '62.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

SMYK, Boleslaw; PYTKO, Urszula

Peronospora tabacina in Poland. Wiad botaniczne 6 no.1:25-31 '62.

1. Katedra Mikrobiologii Rolniczej, Wyzsza Szkola Rolnicza, Krakow.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

L 36628-65 T/EWP(1)/ETI IJP(c) DS/JD/JG

ACC NR: AP6018134 SOURCE CODE: PO/0095/65/013/009/0135/0139

AUTHOR: Pytkowski, S.--Pytkovskiy, P.; Szwemin, P.--Shvemin, P.

ORG: Department of High Vacuum, Technical University, Warsaw (Katedra wysokiej prozni, Politechnika)

TITLE: Stability of omegatron sensitivity for various electrode materials

SOURCE: Polska akademia nauk. Bulletin. Serie des sciences techniques, v. 13, no. 9, 1965, 135-139

TOPIC TAGS: electrode, omegatron sensitivity, omegatron, voltage stabilizer, metal plating, platinum plated alloy, rhodium plated alloy

ABSTRACT: The authors present a detailed study of the changes of omegatron sensitivity for several electrode materials during operation under various conditions. Maintaining a stable trapping field is considered important because it affects the omegatron's sensitivity greatly. A trapping field is formed as a result of the summing of the

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLAK, S.

Production and laboratory examination of wood preservatives in the German Federal Republic. p. 113.

PRZEGLAD DRZEWNY. (Wydawnictwa Komunikacyjne) Warszawa, Poland.
Vol. 11, no. [illegible], June 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 8, Aug. 1959.

Unel.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

POLAND / Chemical Technology, Chemical Products and Their Application, Part 3. - Wood Pulp Industry, Hydrolysis Industry. H

Abs Jour: Ref Zhurnal Khimiya, No 18, 1958, 62386.

Author : Sylwiusz Pytlak,
Inst : West-European Institute for Wood Impregnation.
Title : Preparation and Laboratory Investigation of Oils for Crosstie Impregnation in Federal Republic of Germany.

Orig Pub: Przegl. Kolejowy drog., 1958, 10, No 1, 16 - 18.

Abstract: The creosote oil used for the impregnation of railroad sleepers is a mixture of a fraction of heavy oils (of the boiling temperature from 200 to 300°) and tailings of other fractions produced of coal tar at coal coking. The anticorrosion and aseptic properties of the means of

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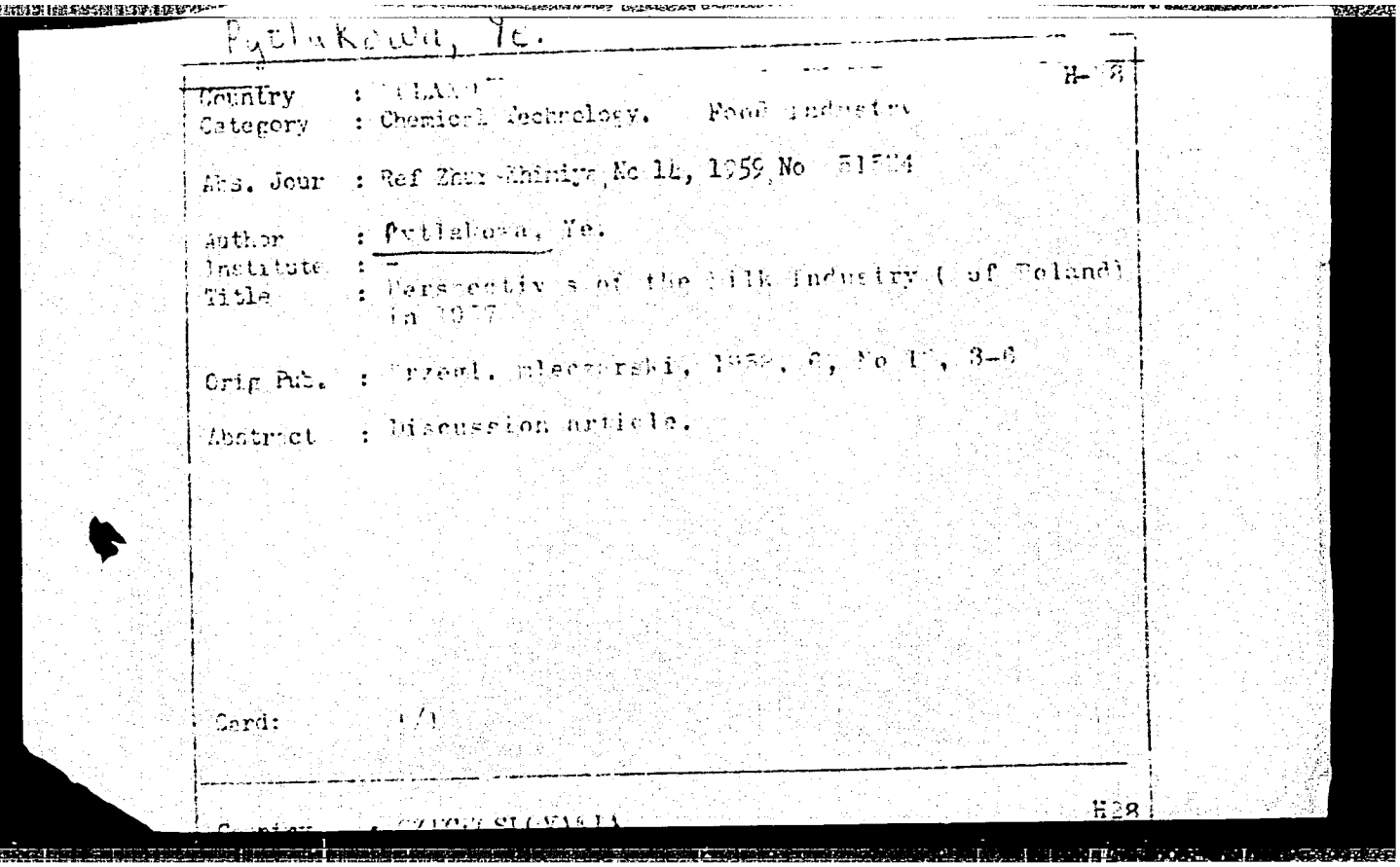

Pytlakowa, Ye.

H- 8

Country : POLAND
Category : Chemical Technology. Food Industries

Abs. Jour : Ref Zhur-Khimiya, No 12, 1959, No 51704

Author : Pytlakowa, Ye.
Institute : -
Title : Perspectives of the Milk Industry (of Poland) in 1957

Orig Pub. : Przem. mleczarski, 1958, 2, No 1, 3-6

Abstract : Discussion article.

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APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

JANCZEWSKI, Marian; PYTLARZ, Jerzy; BOGUCKA, Maria

On the synthesis and properties of naphthaline disulphinic acids. VI. Coupling of naphthalene disulphinic acids with α,β-unsaturated compounds. Rocz chemii 35 no.5:1487-1494 '61.

1. Katedra Chemii Organicznej, Uniwersytet im. M. Curie-Sklodowskiej, Lublin.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLARZ, Tadeusz, mgr inz.

Subsidence speed in the initial and closing period of working.
Przegl gorn 20 no. 5:220-226 My '64.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

TROJANOWSKI, Kazimierz, dr. inż.; WAJDECZKO, Augustyn, inż.; PYTIARZ, Tadeusz, mgr. inż.

Development of ground deformation in time resulting from working a shallow seam. Przegl gorn 20 no.11:547-552 N '64.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

GRZYWACZ, Ryszard, mgr inz.; JASKIEWICZ, Zbigniew, mgr. inz.; PYTLEWSKI, Zdzislaw, mgr inz.

Asphalt pavements of airports and their roughness. Techn lotn 18 no.11:315-320 N'63.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

L 10466-66

ACC NR: AP6003734 SOURCE CODE: CZ/0017/65/054/002/0058/0065

AUTHOR: Havelka, Karel--Gavelka, K. (Engineer); Pytlik, Frantisek

ORG: V. I. Lenin Plants, n. p., Plzen (Zavody V. I. Lenina, n. p.)

TITLE: Skoda 235-mva, 200-mw turboalternator

SOURCE: Elektrotechnicky obzor, v. 54, no. 2, 1965, 58-65

TOPIC TAGS: electric rotating equipment, electric engineering

ABSTRACT: The article deals with the largest turboalternator produced at the Plzen plant. The technical data are given and the electromagnetic calculation is discussed. Problems in the development of the design are reviewed, such as the use of hollow conductors in the stator and rotor windings, the distribution of condensate for the stator winding, leaf springs for suspension of the stator core, and the compressor wheel and rotor winding. Orig. art. has: 10 figures. [JPRS]

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLIK, Karel

Results of measuring children's feet in the Gottwaldov District. Kozarstvi 13 no.2:57-59 F '63.

1. Vyrobni hospodarska jednotka Svit, Gottwaldov.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLIK, Karol

Highly qualified technical staff of the nonferrous metal industry. Rudy i metale 9 no.7:385 Jl '64.

1. Head, Division of Personnel, Association of Nonferrous Mining and Metallurgy, Katowice.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLIK, Karel

Results of measuring children's feet in the Gottwaldov District. Kozarstvi 13 no.2:57-59 F '63.

1. Vyrobni hospodarska jednotka Svit, Gottwaldov.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLIK, Karel; NEZVAL, Frantisek

Determining the gravitation center of the heel and the gravitation center of shoe heels with a small top lift. Kozarstvi 15 no.3: 77-78 Mr '65.

1. Svit National Enterprise, Gottwaldov.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLIK, K.

Standardizing the back part of the last with regard to the foot structure and the minimum health requirements. p. 24

KOZARSTVI, Praha, Czechoslovakia, Vol. 9, no. 1, Jan. 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 10,
Oct. 1959
Uncl.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLIK, P.

Ensuring winter operations in the clay pits of brick factories. Stavivo 41 no.10:360-362 O '63.

1. Severomoravske cihelny, n.p., Hranice.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLIK, P.

Technological requirements for rotary kilns. p. 244.
STAVIVO, Praha, Vol. 33, no. 7, July 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

HYNIK, R.

"The influence of Francis low-pressure turbines on fishes.", p. 121, (STROJNIK, Vol. 26, #1/2, Feb. 1953, Czechoslovakia)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress, August 1953, Uncl.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

"Forty years of A. Schonfeld's work in the field of animal husbandry.", p. 1, (SPOLNIK, Vol. 26, #1/2, Feb. 1953, Czechoslovakia)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress, August 1953, Uncl.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLIK, R.

"Jakub Krcin of Jelcany and Sedlcany", P. 636, (ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 4, No. 6, June 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLIK, M.

"Effect of Fertilizers on the Yield and Chemical Structure of Tomatoes", Tr. from the Russian, P. 638, (ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 4, No. 6, June 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PAWLOWSKA, Hanna; BADYOCZEK, Halina; PYTLINSKA, J.

Application of Addink's s.p.d. scale in quantitative analysis of ceramic raw materials. Chem anal 7 no.2:479-486 '62

1. Institute of glass and ceramic industry, Warsaw.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLINSKI, Jerzy, mgr inz.

Possibilities of measuring high and speedily variable temperatures of flames by spectrometric methods. Pomiary 10 no.2:49-52 F'64.

1. Katedra Silnikow Spalinowych Przemyslowych i Lotniczych, Zaklad Teorii Spalania, Politechnika, Warszawa.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLINSKI, Jerzy, mgr inz.

Measurements of the flame temperature by the method of reversed spectral lines. Techn lotn 19 no. 5:120-123 My '64.

1. Department of Industrial and Aeronautic Combustion Engines, Technical University, Warsaw.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTLOWA, Irena

Pathomorphology of cutaneous reactions in mycoses. Roczn. pom. akad. med. Swierczewski 11:505-523 '65.

1. Z Kliniki Dermatologicznej Pomorskiej Akademii Medycznej (Kierownik: prof. dr. med. H. Prochacki).

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

BARAMBOYM, N.K., doktor khimicheskikh nauk, prof.; PYTOV, G.K., inzh.

Mechanical and chemical modification of polyvinyl chloride. Nauch.-trudy MRILP no.18:48-51 '60. (MIRA 15:2)

1. Kafedra fizicheskoy i kolloidnoy khimii Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti.
(Ethylene)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PITLOWA, Irena; TURKOWA, Henryk

Value of Waldman's cup test of capillary resistance tests in skin diseases. Przegl. derm. 48 no.8/10:451-458 '61.

1. Z Kliniki Dermatologicznej P.A.M. w Szczecinie Kierownik: Prof. H. Prochacki.

(DERMATOLOGY) (CAPILLARIES physiol)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTOWSKI, W.

Heating main line tunnel under the Vistula River in Warsaw; drafting and construction. p. 383.

INZYNIERIA I BUDOWNICTWO. WArszawa, Poland. Vol. 16, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol.9, no. 2, Feb. 1960. Uncl.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTSKIY, V.I. (Moskva)

Pulmonary syndrome in experimental dysenterial intoxication of rabbits; pathogenesis of the phenomenon of swelling. Arkh.pat. 18 no.4:65-75 '56 (MIRA 11:10)

1. Iz kafedry patologicheskoy fiziologii (zav.- chlen-korrespondent AMN SSSR prof. A.D. Ado) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni I.V. Stalina.

(DYSENTERY VACILLARY,
toxin intoxication of rabbits, causing swelling of lungs
pathogen. study (Rus))
(LUNGS, dis.
swelling in rabbits after dysenterial toxin intoxication,
pathogen. study (Rus))

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTSKIY, V.I. (Moskva)

Mechanism of the antipyrogenic action of cortisone. Influence of cortisone on the pyrogenic activity of streptococcal antigens in conditioned reflex fever. Probl.endok.i gorm. 7 no.3:10-18 '61. (MIRA 14:9)

1. Iz laboratorii eksperimental'noy patologii (zav. - dotsent M.I. Undritsov) Gosudarstvennogo nauchno-issledovatel'skogo instituta revmatizma (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Nesterov).

(CORTISONE) (FEVER) (STREPTOCOCCUS)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTSKIY, V.I. (Moskva)

Pathophysiological mechanism of immunity in dysenterial intoxication in rabbits. Arkh.pat. 19 no.11:33-38 '57. (MIRA 11:1)

1. Iz kafedry patologicheskoy fiziologii (zav. - chlen-korrespondent AMN SSSR A.D.Ado) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I.Pirogova.
(DYSENTERY, BACILLARY, experimental, immun. pathophysiol. in rabbits (Rus))

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTSKIY, V.I.

Allergy and the function of adrenal cortex. Vestn. Akad. med. nauk SSSR 18 no.4:20-27 '63 (MIRA 17:4)

1. Nauchno-issledovatel'skaya allergologicheskaya laboratoriya AMN SSSR.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

GORBACHEVA, K.M.; FYTSKIY, V.I.

Functional state of the adrenal cortex in some lesions of the diencephalic region and the hypophysis. Zhur.nevr. i psikh. 63 no.12:1807-1812 '63. (MIRA 18:1)

1. Klinika nervnykh bolezney (direktor - prof. F.A.Poyemnyy), Moskovskiy oblastnoy nauchno-issledovatel'skiy klinicheskiy institut i laboratoriya allergii (zav. - prof. A.D.Ado) AMN SSSR, Moskva.

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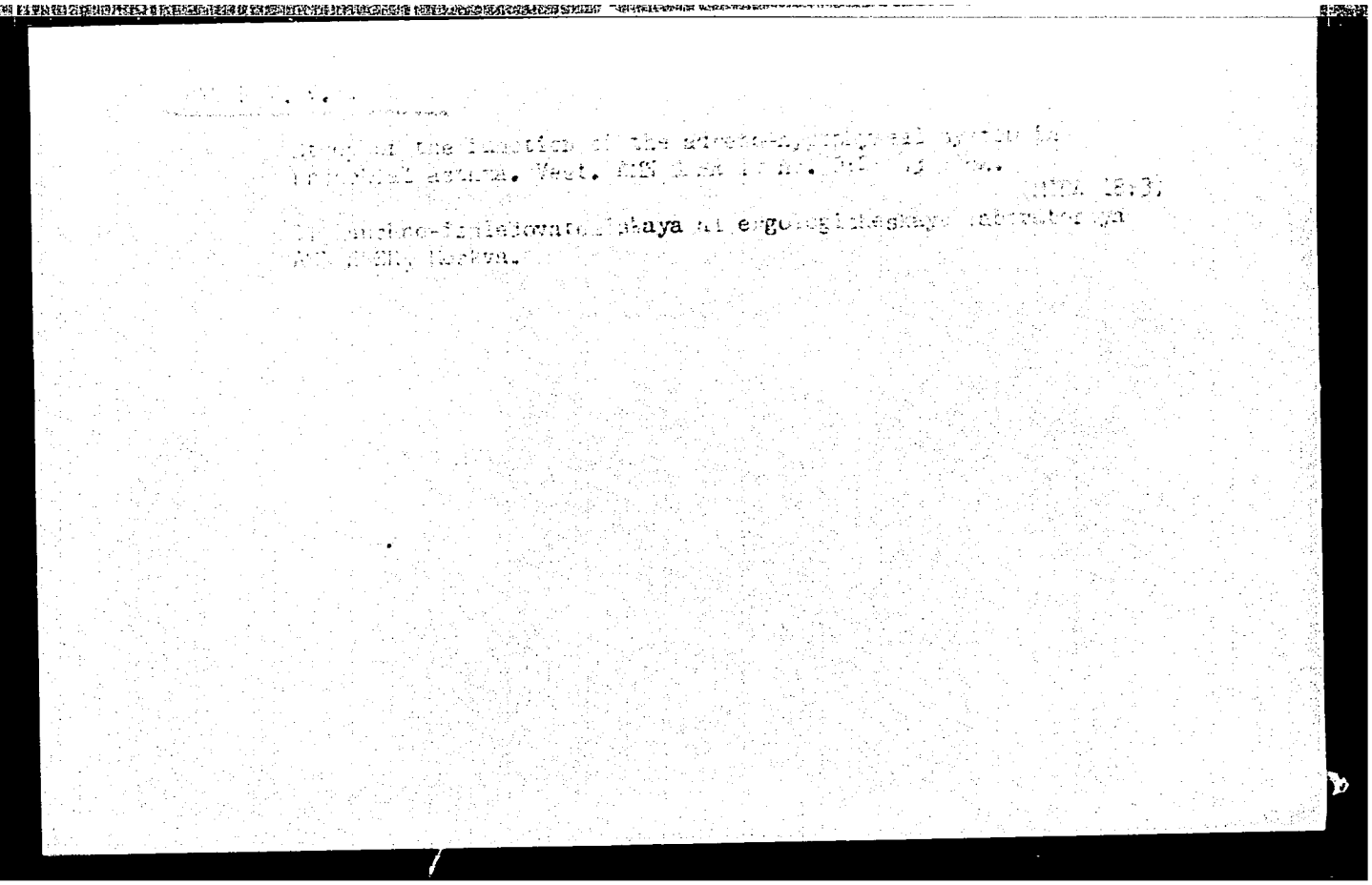

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTSKIY V.I. (Moskva)

Symposium on allergy. Vest. AMN SSSR 19 no.10:75-77 '64.
(MIRA 18:3)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTSKIY, V.I.

Mechanism of the effect of cortisone on hyperthermia caused by 2,4-dinitrophenol in rabbits. Biul. eksp. biol. i med. 51 no.3: 49-52 Mr '61. (MIRA 14:5)

1. Iz laboratorii eksperimental'noy patologii (zav. - dotsent M.I.Undritsov) Gosudarstvennogo nauchno-issledovatel'skogo instituta revmatizma (dir. - deystvitel'nyy chlen AMN SSSR A.I. Nesterov). Predstavlena deystvitel'nym chlenom AMN SSSR A.I.Nesterovym.
(CORTISONE) (FEVER)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYTSKIY, V. I.

"Pulmonary Syndrome in Experimental Dysenteric Intoxication in Rabbits (Pathogenesis of the Phenomenon of Inflation of the Lungs)." Cand Med Sci, Second Moscow State Medical Inst imeni I. V. Stalin, Moscow, 1955.
(KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

POLAND/Nuclear Physics. - Installations and Instruments. Methods of Measurement and Research C

Abs Jour : Ref Zhur Fizika, No 11, 1959, 24332

Author : Pyttel, W.
Inst : [redacted]
Title : Pulse Amplifier with Discriminator, Type WI-1

Orig Pub : Postepy fiz., 1958, 9, No 5, 587-591

Abstract : The circuits and technical data are given.

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LYTKLB, A. YA

28622

Golovin, G. V. Pravil'no Li Naimyenovianiye))Ryeaktsiya Csyediantya Eritrutsitov))? Vrachyeb, Dyelo, 1949, No. 9, STB, 851-52

SO: LETOPIS NO. 38

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

SAPAROVSKIY, Sergey Vladimirovich; KOMAROV, Anatoliy Dmitriyevich; SMELYAKOV, Yevgeniy Petrovich; FARMANOVA, Viktoriya Nikolayevna; PYT'YEV, P.Ya., inzh., retsenzent; KOROBOV, V.K., kand. tekhn. nauk, retsenzent; RAZUMIKHIN, M.I., prof., red.; PETROPOL'SKAYA, N.Ye., red.

[Rubber pad forming] Shtampovka rezinoi. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1964. 106 p. (MIRA 18:7)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYT'YEV, Petr Yakovlevich; TRAKHTENBERG, B.F., kand. tekhn. nauk, dots., retsenzent; RAZUMIKHIN, M.I., kand. tekhn.nauk, prof., red.; TURSKIY, P.V., red.; MIKHEYEV, N.I., red.; VAKULOVSKAYA, T.N., tekhn. red.

[Simplified sheet bolster plate for cold die stamping] Listovye uproshchennye podkladnye shtampy dlia kholodnoi shtampovki. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1963. 133 p. (MIRA 17:2)

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25(7) PHASE I BOOK EXPLOITATION SOV/3231

Pyt'yev, Petr Yakovlevich

Shtampy dlya padayushchikh molotov s malosvintsovymi i bessvintsovymi puansonami (Working Dies for Drop Hammers With Punches Containing Little or No Lead) Moscow, Oborongiz, 1959. 138 p. 4,000 copies printed.

Reviewer: V. K. Korobov, Candidate of Technical Sciences; Ed.: V. Ya. Shekhter, Candidate of Technical Sciences; Ed. of Publishing House: F. G. Tubyanskaya; Tech. Ed.: L. A. Garnukhina; Managing Ed.: A. I. Sokolov, Engineer.

PURPOSE: This book is intended for engineers and technicians in machine-building plants working in preparation, processing, and stamping departments.

COVERAGE: Methods employed in Soviet and non-Soviet plants designed to lower the consumption of lead in dies used with drop hammers are systematically presented. A description is given of the design and manufacture of punches using low lead metals or metallic and nonmetallic substitutes for lead in alloys containing no lead. Manufacturing procedures for such punch members are explained and recipes are given for the plastics and compounds currently used in making punches. The compound described in Chapter V consists of sawdust mixed with resin and identified in Russian as DKM (drevesno-kleyevaya massa). No personalities are

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mentioned. There are no references.

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PYT'YEV, Petr Yakovlevich; KOROBOV, V.K., kand.tekhn.nauk, retsenzent; SHEKHTER, V.Ya., kand.tekhn.nauk, red.; TUBYANSKAYA, F.G., izdat.red.; GARNUKHINA, L.A., tekhn.red.

[Dies for drop hammers with low-lead or lead-free punches] Shtampy dlia padaiushchikh molotov s malosvintsovymi i bessvintsovymi puansonami. Moskva, Gos.izd-vo obor.promyshl., 1959. 38 p. (MIRA 12:10)
(Dies (Metalworking)) (Metals, Substitutes for)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYT'YEV, Yu.P.

Relation between classical mechanics and wave mechanics. Dokl. AN SSSR 149 no.2:298-301 Mr '63. (MIRA 16:3)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom I.G.Petrovskim.
(Mechanics) (Wave mechanics)

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L 6995-65 EWT(m) DIAPP/SSD/ASD(a)-5/ASD(p)-3/AFMDC/AFWL/ESD(gs)/ESD(t)/RAEM(t)

ACCESSION NR: AP4045711 3/0208/64/004/005/0871/0879

AUTHOR: Pyat'yev, Yu. P. (Moscow) B

TITLE: On the asymptotic properties of dynamic variables in the theory of spinor and scalar meson fields 19

SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 4, no. 5, 1964, 871-879

TOPIC TAGS: field theory, Lagrange equation, asymptotic solution, meson, spinor, electromagnetism, scalar field, tensor, Schwartz distribution, eikonal, Dirac

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A is the electromagnetic potential, c - the speed of light, s - power, and e and m are respectively the charge and mass of particles. Hyperbolic functions of second order describing certain meson types and hyperbolic functions of first order

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ASSOCIATION: none

SUBMITTED: 28Dec63 ENCL: 00

SUB CODE: GP, MA NO REF SOV: 004 OTHER: 002

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PYT'YEV, Yu.P.

Electron optics of surface beams. Vest. Mosk.un.Ser.3:Fiz, astron. 17 no.4:3-13 Jl-Ag '62. (MIRA 15:9)

1. Kafedra matematiki fizicheskogo fakul'teta Moskovskogo universiteta.

(Electron optics)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYT'YEV, Yu.P.

Classical scalar meson fields. Vest.Mosk. un. Ser. 3: Fiz., astron. 20 no.2:53-58 Mr-Ap '65. (MIRA 18:5)

1. Kafedra teoreticheskoy fiziki Moskovskogo universiteta.

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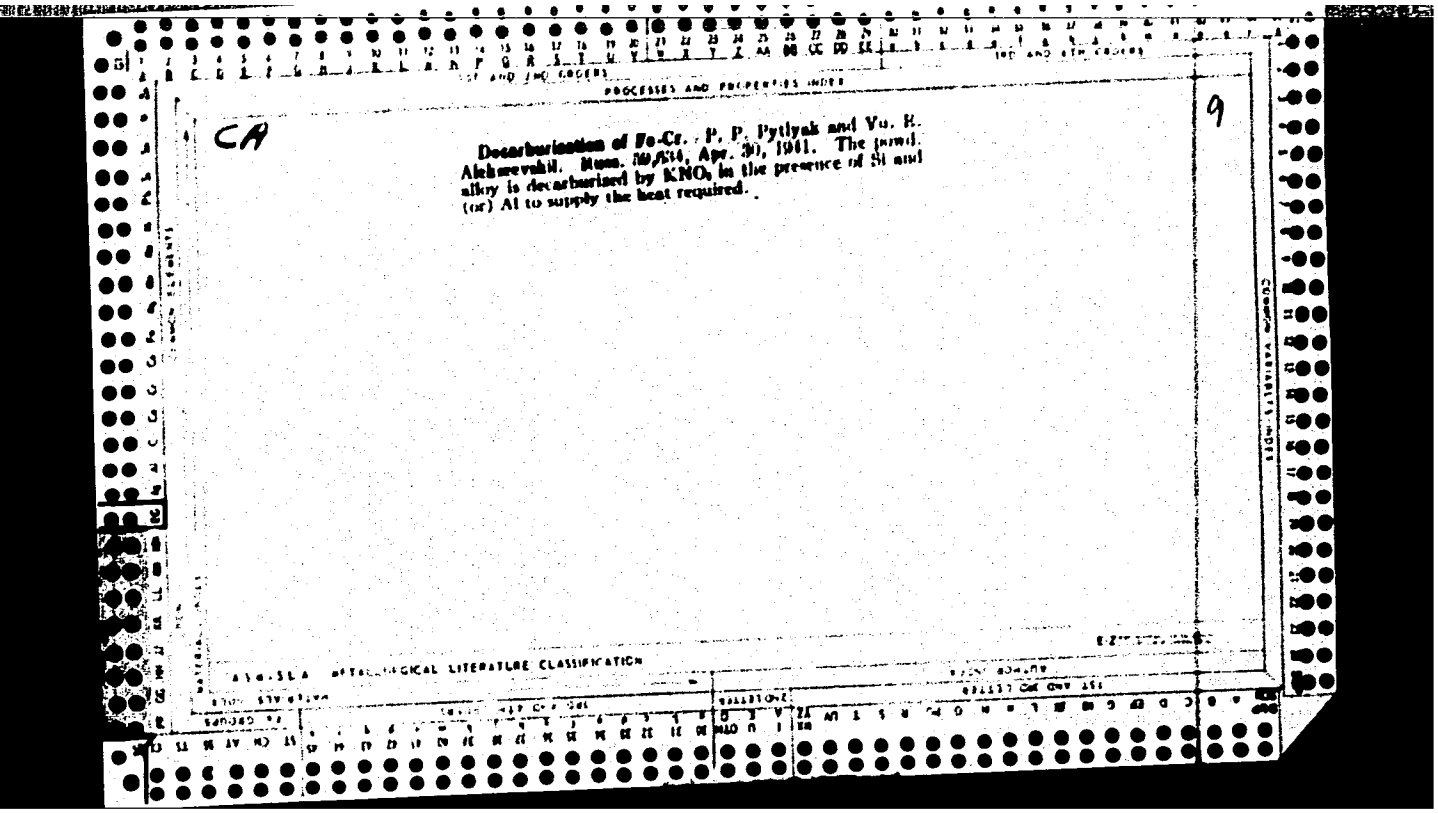

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Decarburization of Fe-Cr. P. P. Pylyak and Yu. E. Aleksevskii. Metallurgist, No. 10/11, Apr. 30, 1941. The powd. alloy is decarburized by KNO_3 in the presence of Si and (or) Al to supply the heat required. .

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYT'YEV, Yu. P. (Moskva)

Charged particles fluxes in an electromagnetic field. Zhur. vych. mat. i mat. fiz. 2 no.5:859-857 S-O '62. (MIRA 16:1)

(Electric fields) (Magnetic fields)
(Particles(Nuclear physics)

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S/188/61/000/006/005/007
B108/B102

24,2200(1160,1164,1482)

AUTHOR: Pyt'yev, Yu. P.

TITLE: Geometry of the motion of charged particles in a static magnetic field

PERIODICAL: Moscow Universitet. Vestnik. Seriya III. Fizika, astronomiya, no. 6, 1961, 47 - 61

TEXT: The equation of motion of a charged particle in a magnetic field is written in three-dimensional curvilinear coordinates:

$$\ddot{\xi}^i + \Gamma^i_{jk}\dot{\xi}^j\dot{\xi}^k = \varepsilon^i_{jk}\dot{\xi}^j h^k .$$

By means of this equation the trajectories on a magnetic surface, $u(\xi^i) = \text{const}$ where $u_{,k}h^k = 0$, are calculated which are the geodesics of this surface: $\gamma^\lambda = \ddot{\xi}^\lambda + \Gamma^\lambda_{\alpha\beta}\dot{\xi}^\alpha\dot{\xi}^\beta = 0$; $\chi = \pi_{\alpha\beta}\dot{\xi}^\alpha\dot{\xi}^\beta = -\varepsilon_{\alpha\beta}h^\alpha\dot{\xi}^\beta$; $\tau = g_{\alpha\beta}\dot{\xi}^\alpha\dot{\xi}^\beta = 1$. $g_{\alpha\beta} = \vec{X}_\alpha\vec{X}_\beta$, $\pi_{\alpha\beta} = \vec{q}\vec{X}_{\alpha\beta} = -\vec{q}_\alpha\vec{X}_\beta$. The X's are the radius

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Geometry of the motion of ...

vectors of the surface points, $\vec{q}$ is the surface normal, $g = |g_{\alpha\beta}|$ is the determinant of the surface metric tensor. $\|\varepsilon_{\alpha\beta}\| = \begin{Vmatrix} 0 & \sqrt{g} \\ -\sqrt{g} & 0 \end{Vmatrix}$. It is shown that it is not possible to turn a given geodesic into a trajectory by rendering the surface curved if the latter is given by the components $g_{\alpha\beta}$ of the metric tensor, and if the field h^{α} on the surface is given by its internal shape. However, this problem can be avoided if the components of $g_{\alpha\beta}$ are assumed to depend on an arbitrary function which will be determined together with $\pi_{\alpha\beta}$. The curvature of the trajectory of a charged particle in a magnetic field is determined by the projection of the field onto the binormal of field and trajectory. General expressions for the local structure of the trajectories are derived:

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Geometry of the motion of ...

Yu. N. Dnestrovskiy is thanked for a discussion. There are 3 figures and 5 references: 4 Soviet and 1 non-Soviet.

ASSOCIATION: Kafedra matematiki (Department of Mathematics)

SUBMITTED: March 20, 1961

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343730012-7

PYT'YEV, Yu.P.

Equations of motion of charged particles in classical electrodynamics. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no.2:9-11 Mr-Ap '61. (MIRA 14:6)

1. Kafedra matematiki Moskovskogo gosudarstvennogo universiteta. (Electric fields) (Electrons)

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24807
S/188/61/000/002/002/010
B113/B203

24.2500 (1191, 1482, 1385)

AUTHOR: Pyt'yev, Yu. P.

TITLE: Equations of motion for charged particles in classical electrodynamics

PERIODICAL: Vestnik Moskovskogo universiteta. Seriya 3, fizika, astronomiya, no. 2, 1961, 9 - 11

TEXT: For small velocities, the energy radiated by the charge can be written down in the form of Eq. (A). $\frac{dw}{d\tau} = \frac{2}{3}\frac{e^2}{c^3}v^2$. The motion of a charge in an electromagnetic field can be defined by the classical Dirac equation,

$$\frac{d}{d\tau} mu_i = \frac{e}{c}\sum_k^4 F_{ik}u_k + \frac{2}{3}\frac{e^2}{c^2}\left(\frac{d^2u_i}{d\tau^2} + u_i\sum_k^4 u_k\frac{d^2u_k}{d\tau^2}\right). \quad \text{Eq. (B).}$$

The present paper thoroughly deals with the latter equation. The two

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Equations of motion for ...

theses Eq.(A) and Eq. (B) seem to contradict each other since very often both theses are used to deal with certain problems, one part of the results basing on the one, another part on the other thesis. It is shown in in this paper that on the strength of formulation it is not possible to represent equations of motion in the form of Eq. (1). $\frac{d}{d\tau}mu_i+Y_i=\frac{e}{c}\sum F_{ik}u_k$. Taking no account of radiation, the equation of motion for charged particles takes the form of Eq.(2), $\frac{d}{d\tau}\,mu_i = \frac{e}{c}\sum_{k=1}^{4} F_{ik}u_k$, where $u_i=\frac{dx_i}{d\tau}$, F_{ik} is the field tensor, and τ is the proper time. Multiplication with u_i and summation over i gives $\sum_{k=1}^{4} F_{ik}u_iu_k = 0$ and $\sum_{i=1}^{4} u_i\frac{d}{id\tau}\,mu_i=0$ since F_{ik} is antisymmetrical and u_iu_k is symmetrical. On the assumption that taking account of radiation leads to Eq. (1), Eq. (3) $\sum_{i=1}^{4} Y_iu_i = 0$ is obtained, and by

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Equations of motion for ...

replacing u_i in Eq. (3) by the usual velocity,

Eq. (4) $$Y_1 v_1 + Y_2 v_2 + Y_3 v_3 + Y_4 ic = 0,$$
$$\mathrm{Re}(Y_1, Y_2, Y_3) = Y_1, Y_2, Y_3, \; \mathrm{Im} Y_4 = Y_4.$$

is obtained which holds for all $\vec{v}$, including $\vec{v} = \vec{0}$. Thus,

Eq. (5) $Y_{4|\vec{v}=\vec{0}} = 0$ holds. To take account of radiation in the form of Eq.(1), (5) must be satisfied, i.e., at the instant $v = 0$ no energy must be given off from a particle, which, however, contradicts (A). In the case of motion from the state of rest, the change in kinetic energy and the work of external forces can be expressed in the form $mv^2(\Delta\tau)^2$ and $Fv(\Delta\tau)^2$, respectively, the energy given off being proportional to $\Delta\tau$ and having the form $2e^2\dot{v}^2\Delta\tau/3c^2$. If, with constant $\dot{v}\Delta\tau$, $\dot{v}$ is increased at random, the energy balance is disturbed. The energy given off takes any value, and the work of external forces cannot be its source. We arrive at the same conclusion by considering the Poynting vector of the energy radiated at the instant $\vec{v} = \vec{0}$, which proves to be symmetrical with respect to $\dot{\vec{v}}$. This dif-

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